

FORM PTO-1449  
(REV. 7-80)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.  
831.00047

SERIAL NO. 38/807,170  
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APPLICANT:

Roger J. Leyden et al

FILING DATE

February 19, 1997

GROUP

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
A/ww	AA	2	8	2	1	4	5	3	1/58	Jessen			
	AB	2	8	2	1	5	7	9	1/58	Benjamin			
	AC	2	9	3	7	3	9	6	5/60	Momberg et al			
	AD	3	6	1	7	6	5	9	11/71	Freeman	191	12.1R	
	AE	3	6	5	7	4	9	1	4/72	Ryder et al	191	12.2R	
	AF	3	7	0	5	9	6	2	12/72	Banister	191	12.4	
	AG	3	7	7	3	9	8	7	11/73	Davis et al	191	12.4	
	AH	3	7	8	2	6	5	4	1/74	Kasa	242	378.1	
	AI	3	8	1	2	3	0	7	5/74	Wagner et al	200	52R	
	AJ	3	8	5	8	0	1	1	12/74	Salvin et al	191	12.2R	
	AK	3	9	2	9	2	1	0	12/75	Cutler et al	4	"	
	AL	4	0	0	8	7	9	1	2/77	Shafii-Kahany et al	4	"	
	AM	4	1	4	1	4	3	8	2/79	Diem	191	12.4	
	AN	4	3	8	4	6	8	8	5/83	Smith	242	378.2	
	AO	4	4	8	5	2	7	8	11/84	Schaller et al	191	12.4	
	AP	4	4	9	9	3	4	1	2/85	Boyd	"	"	
	AQ	4	7	4	6	7	6	6	5/88	Soulard	174	36	
	AR	4	7	5	7	9	5	5	7/88	Simmons	191	12.2R	
	AS	4	9	8	9	8	0	5	2/91	Burke	242	378.2	
	AT	5	0	0	8	4	8	7	4/91	Shimmyo	174	35R	
	AU	5	0	9	4	3	9	6	3/92	Burke	242	378.2	
	AV	5	3	3	2	1	7	1	7/94	Steff	242	378	
	AW	5	5	3	5	9	6	0	7/96	Skowronski et al	242	378.4	

FORM PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.  
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**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
														YES	NO
AW	AX	0	0	6	3	3	1	3		10/82	European Patent Office				
I	AY	2	5	4	9	3	0	8		1/85	France				
I	AZ	3	5	1	8	1	5	7		11/86	Germany				
	BA														
	BB														

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

A/KW	BC		IBM Technical Disclosure Bulletin, W.L. Dollenmayer, "Cable Storage Reel" Vol. 6, No. 7, p. 69-70, Dec. 1963.
	BD		
	BE		

EXAMINER

A. W. Way

DATE CONSIDERED

1/14/98

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.